



सत्यमेव जयते

# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
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नई दिल्ली, शनिवार, मई 15, 1993 (वैशाख 25, 1915)

No. 20]

NEW DELHI, SATURDAY, MAY 15, 1993 (VAISAKHA 25, 1915)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 15th May 1993

### ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

Patent Office Branch,  
Todi Estates, III Floor,  
Lower Parel (West), Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,  
Unit No. 401 to 405, III Floor,  
Municipal Market Building,  
Saraswati Marg, Karol Bagh,  
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

Patent Office Branch,  
61, Wallajah Road,  
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
"NIZAM PALACE", 2nd M.S.O. Building,  
5th, 6th and 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

**Fees :—**The fees may either be paid in cash or may be sent by Money Order payable to the Controller at the appropriate Office or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

## पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 15 मई 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा कम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोबो इस्टेट,  
तीसरा तल, लोबर परले (पश्चिम),  
कम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा  
दीव एवं दादरा और नगर हवेली।

नगर पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक में. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
मरुस्वती मार्ग, करोल बाग,  
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

नगर पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
61, बालाजिह रोड,  
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,  
मिन्निकाय तथा एमिनिविदि द्वीप।

नगर पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

नगर पता—“पेटेंटोफिस”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अर्पित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय को केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक वादश या जहाँ उपयुक्त कार्यालय अवस्थित है; उक्त स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है।

## SPECIAL NOTICE

The qualifying examination as prescribed under clause (c) (ii) of Sub-Section (1) of Section 126 of the Patents Act, 1970 read with Rule 95 of the Patents Rules, 1972 will be held at the Patent Office, Calcutta and its branches at Bombay, Madras and New Delhi on Thursday, the 15th July, 1993 and Friday, the 16th July, 1993.

The schedule of the qualifying examination (written) will be as follows :

Paper I—Patents Act & Rules. 10.30 a.m. to 1.00 p.m.

Paper II—Drafting and interpretation of Patent Specifications and other documents. 2.30 p.m. to 5.00 p.m.

The viva voce Examination will be held on Friday, the 16th July, 1993 at 11.00 a.m.

## CORRIGENDUM

In the Gazette of India Part III Section 2 likely to be published on 8-5-1993 under the heading “PATENT SEALED” for Patent sealed on 9-4-1993

Read Patent Sealed on 8-4-1993.

## CORRIGENDUM

In the Gazette of India Part III Section 2 dated 21-11-92 in page 1355, Col. 2 under the heading complete specification accepted, for Patent No. 171372, the name of the 3rd applicant is to be read as Kwality Frozen Foods Private Limited.

## THE PATENT OFFICE

Calcutta, the 15th May 1993

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent branch are the dates claimed under section 135, of the Patents Act, 1970.

23rd March 1993

172/Cal/93 Gda International S. A., Latex vital barrier items such as condoms.

173/Cal/93 Bina Metal Way Pvt. Ltd. Improved rail seat assembly for use and components therefor on railway concrete sleeper.

24th March 1993

174/Cal/93 Sterling International. A valve for providing multisource vacuum to the distributor in an internal combustion engine.

175/Cal/93 Building solutions Pty. Ltd. Building panel and buildings using the panel.

(Convention No. PL. 2132 dated 28-4-92 in Australia).

(Convention No. PL. 2733 dated 2-6-92 in Australia).

26th March 1993

- 176/Cal/93 Tejendra Garg. A novel arrangement for feeding carbide to the reactor in an acetylene generator.
- 177/Cal/93 Hoechst Aktiengesellschaft. Supported catalyst, process for its preparation and its use for the preparation of vinyl acetate.
- 178/Cal/93 Franz Plasser Bahnbaumaschinen-Industriegesellschaft m. b. h. A tamping machine with a two sleeper tamping unit.

29th March 1993

- 179/Cal/93 Innotch, Inc. Method and apparatus for manufacturing lenses using thin coatings.
- 180/Cal/93 (1) Provesta Corporation, (2) Dow Corning Enterprises, Inc. Delivery system for insecticides.
- 181/Cal/93 Kerr-McGee Chemical Corporation. Titanium dioxide pigment & method of preparation.

30th March 1993

- 182/Cal/93 American Cyanamid Company. 2-Aryl-5- (Trifluoromethyl) -2-Pyrroline Compounds and process for the manufacture of insecticidal, 2-aryl-1- (Alkoxyethyl) 4-Halo-5- (Trifluoromethyl) pyrroles.
- (Divided out of No. 894/Cal/91 dated 2-12-91).
- 183/Cal/93 American Cyanamid Company. 2-Aryl-5- (Trifluoromethyl)-2-pyrroline Compounds and process for the manufacture of insecticidal, 2-aryl-1- (Alkoxyethyl)- 4-Halo-5- (Trifluoromethyl) pyrroles. [Divided out of No. 894/Cal/91 dated 2-12-91].

31st March 1993

- 184/Cal/93 Hoechst Celanese Corporation. Process for Preparing Pyridine and Quinoline Derivatives. [Divided out of No. 272/Cal/91 dated 9-4-91].
- 185/Cal/93 Dhp Chatterjee and Swapan Chatterjee. A moving advertising device.
- 186/Cal/93 Ralph Haber Hoyerck. Blind Folk Mobile (BFM), (Convention No. 2,065,624-7 dated 09/04/92 in Canada).

2nd April 1993

- 187/Cal/93 B. V. Optische Industrie "De oude Delft." Dosimeter for Ionizing Radiation. [Divided out of No. 573/Cal/89 dated 18th July, 1989].
- 188/Cal/93 Emitec Gesellschaft Fur Emissionstechnologie mbh. Apparatus for Catalytic Exhaust Gas Cleaning.
- 189/Cal/93 Li Shih Yung. A new diversified mechanical structure for coating fabrics.
- 190/Cal/93 Om Chandra Kaffey. The manufacture of portable bio-gas plant-bayugni.

#### ALTERATION OF AN ENTRY IN THE REGISTER OF PATENT AGENTS UNDER RULE 103 OF THE PATENTS RULES, 1972

In pursuance of the applications filed on 26-02-93, 18-03-93 & 22-03-93 on Form 52 by the following Registered Patent Agents respectively, the addresses of their principal place of businesses have been altered to :

01. R. P. Bhattacharya,  
C/o. DePenning & DePenning,  
10, Government Place East,  
Calcutta-700 069.
02. Samresh Chakraborty,  
ESCI Law Consultants,  
"Shyam Chambers", 4th Floor,  
53, Syed Amir Ali Avenue,  
Calcutta-700 019.
03. A. A. Mohan, Advocate,  
124, Sir P. S. Sivaswami Salai,  
Madras-600 004—which is also the residential address.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

#### स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर अभी भी नियंत्रक, एकत्र की उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ ब्रह्मा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की कोटो प्रतियाँ यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपर्युक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेखों का प्रोड्यूसर उसे 2 से गुणा करके (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) कोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Ind. Cl. : 152-E—[GROUP - XII(2)] 172231  
Int. Cl.<sup>4</sup> : C 08 L 77/00.

#### A FIRE RESISTANT POLYAMIDE COMPOSITION.

Applicant : RHONE-POULENC CHIMIE, A FRENCH BODY CORPORATE OF 25, QUAI PAUL DOUMER, 92408 COURBEVOIE, FRANCE.

Inventors : (1) YVES BONIN  
(2) JACK LEBLANC

Application No. 712/MAS/88 filed October 11, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 5 Claims (No drawing)

A fire resistant polyamide composition comprising 1 to 30% by weight of the polyamide of red phosphorus; from  $0.1 \times 10^{-3}$  to  $100 \times 10^{-3}$  gram-atoms, per 100 g of polyamid of at least one lanthanide-based compound selected from organic and inorganic derivatives of any one of the lanthanides, cerium, lanthanum, praseodymium, neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, ytterbium, thulium, lutetium and yttrium and mixtures of such derivatives; and talc with zinc sulphide and/or zinc oxides such that the quantity of talc is between 0.5 and 5% by weight, and the total quantity of the zinc compound(s) is between 0.1 and 5% by weight, the said percentage being based on the weight of the polyamide present in the composition and the quantities of talc and of zinc compound(s) are such that the ratio of weight of talc employed to weight of the zinc compound(s) employed, is between 1 and 5.

(Comp.—35 pages)

Ind. Cl. : 72 B [XXXIX(3)] 172232  
Int. Cl.<sup>4</sup> : C 06 B — 47/14.

#### A WATER-IN-OIL EMULSION EXPLOSIVE COMPOSITION.

Applicants : IRECO INCORPORATED, A CORPORATION OF THE STATE OF DELAWARE, OF ELEVENTH FLOOR CROSSROADS TOWER, SALT LAKE CITY, UTAH, USA 84144.

Inventors : LEE FREDERICK MCKENZIE  
LAWRENCE DAVID LAWRENCE.

Application No. 736/Mas/88 filed on 25th October, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 10 Claims

A water-in-oil emulsion explosive composition comprising a water-immiscible organic fuel as a continuous phase in an amount of 3% to 12% by weight based on the total composition; an emulsified aqueous inorganic oxidizer salt solution as a discontinuous phase, comprising inorganic oxidizer salt in an amount of 20% to 55% by weight and water in an amount of 10% to 20% by weight; particulate oxidizer salt in an amount of 35% to 65% by weight; a polybutene derivatized emulsifier in an amount of 0.1% to 5% by weight; and organic micropheres as a density reducing agent in an amount sufficient to reduce the density of the explosive to within the range of 1.0 to 1.5 g/cc.

(Complete specification—18 pages;

Drawing—Nil)

Ind. Cl. : 72 B [XXXIX(3)]. 172233  
Int. Cl.<sup>4</sup> : C 06 B — 47/14.

#### "A WATER-IN-OIL EMULSION EXPLOSIVE COMPOSITION".

Applicant : IRECO INCORPORATED, A CORPORATION OF THE STATE OF DELAWARE OF ELEVENTH FLOOR CROSSROADS TOWER SALT LAKE CITY, UTAH, 84144 U.S.A.

Inventor : LEE FREDERIC MCKENZIE.

Application No. 737/Mas/88 filed on 25th October 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 7 Claims

A water-in-oil emulsion explosive composition comprising 3% to 12% by weight of a water-immiscible organic fuel as a continuous phase; an emulsified aqueous inorganic oxidizer salt solution as a discontinuous phase comprising 20% to 55% of an inorganic oxidizer salt and 10% to 20% of water; 35% to 65% by weight of a particulate oxidizer salt; 0.1% to 5% of a phenolic derivative of poly-propene or polybutene as emulsifier from a density reducing agent such as herein described in an amount sufficient to reduce the density of the explosive to within the range of 1.0 to 1.5 g/cc.

(Complete specification 15 pages;

Drawing Nil).

Ind. Cl. : 58 B [XXVI(3)]. 172234  
Int. Cl.<sup>4</sup> : E 06 B 1/12.

#### AN IMPROVED METAL DOOR.

Applicant : THARAKKAL RAMAN UNNI, B.E., SREENIKETH, OLD THEVARA ROAD, COCHIN 682 016, KERALA, INDIA, INDIAN NATIONAL.

Inventor : THARAKKAL RAMAN UNNI.

Application No. 774/Mas/88 filed on 7th November 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

#### 6 Claims

An improved metal door comprising at least one outer member forming a closed frame of the desired shape; at least one inner member located within, and spanning, the frame, characterised in that the outer member and the inner member have a clamp-like configuration to receive within them a metal sheet of the said shape, the said sheet covering the entire area of the frame; at least one bracket member provided on either side of the sheet and located within the frame, the said outer member, the inner member and the bracket member being attached to the sheet.

(Complete specification 8 pages;

Drawing 1 sheet)

Ind. Cl. : 129-J — [GROUP — XXXV] 172235  
Int. Cl.<sup>4</sup> : B 21 H 1/00  
F 27 D 3/00

#### AN IMPROVED METHOD OF PRODUCING STEER STRIPS FROM STEEL SLABS BY HOT ROLLING IN A HOT-STRIP MILL.

Applicant : HOOGOVENS GROEP B. V., OF P.O. BOX 10.000 1970 CA IJMUIDEN, THE NETHERLANDS, A DUTCH COMPANY.

Inventors : (1) RUDY WESTDORP  
(2) FRANS PIETER MUYSKEN

Application No. 782/Mas/88 filed November 9, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 7 Claims

In a method of producing steel strips from steel slabs by hot rolling in a hot-strip mill, the improvement comprising heating a plurality of steel slabs to a rolling temperature in a furnace having controllable energy supply, determining the mean temperature of all the slabs introduced into the furnace, determining the mean temperature of atleast one virtual slab from the mean temperatures of the corresponding group of steel slabs, computing the mean exist temperature of the virtual slab from the furnace, measuring the mean temperature of the slabs existing from the furnace and adjusting the energy supply in accordance with the difference in the mean temperature of the exist from the furnace of said virtual slab and the mean temperature of the steel slabs existing from the furnace to bring the plurality of steel slabs to the rolling temperature.

(Comp. 15 pages;

Drwg.—1 sheet)

Ind. Cl. : 72 C [XXXIX(3)].

172236

Int. Cl.<sup>4</sup> : C 06 B 45/00.

## A PROCESS FOR PREPARING A PROPELLANT GRAIN.

Applicant : INDIAN SPACE RESEARCH ORGANISATION  
DEPARTMENT OF SPACE F BLOCK CAUVERY  
BHAVAN, BANGALORE-560 009, KARNATAKA STATE,  
INDIA.

Inventors : 1. SOMASUNDRAM KUMARESAN  
ATHITHAN,  
2. LALITHA RAMACHANDRAN,  
3. PULIMOOTTIL MATHEW VARKEY.

Application No. 954/Mas/88 filed on 30th November 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

## 4 Claims

A process for preparing a propellant grain comprising the Steps preparing a hydroxy terminated polybutadiene (HTPB.) Propellant slurry in a known manner, casting the slurry into blocks, curing the blocks at a temperature of about 70°C followed by room temperature curing, assembling the blocks in the desired shape using the said slurry as the bonding material, curing the assembly at room temperature for a few days to obtain finished grain.

(Complete specification 8 pages;

Drawing 2 sheets)

Ind. Cl. : 205-H — [GROUP — LVI]

172237

Int. Cl.<sup>4</sup> : B 29 D 30/02

B 60 C 7/00

## A NON-PNEUMATIC TYRE.

Applicant : ALTRACK LIMITED, A COMPANY INCORPORATED IN THE STATE OF WESTERN AUSTRALIA OF 160 ST. GEORGE'S TERRACE, PERTH, WESTERN AUSTRALIA, COMMONWEALTH OF AUSTRALIA.

Inventor : BRIAN JARMAN.

Application No. 882/Mas/88 filed December 12, 1988.

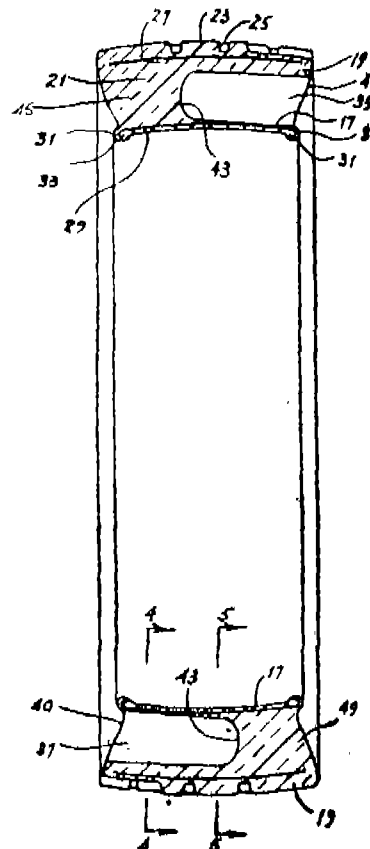
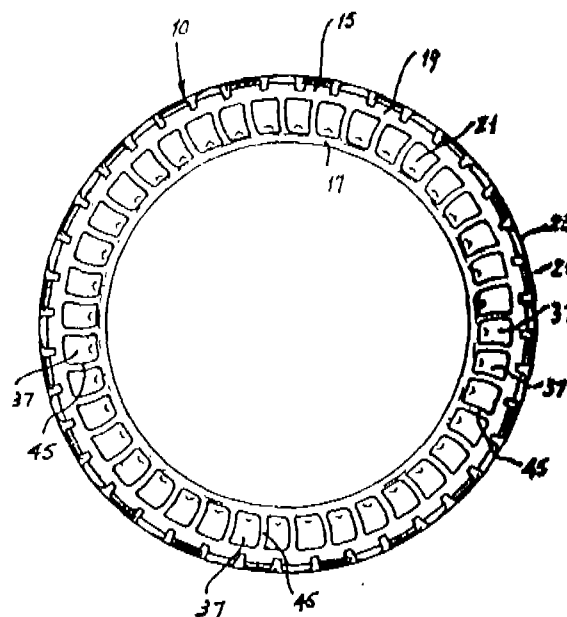
Convention date : December 15, 1987; (No. PI 5903; Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Madras.

## 14 Claims

A non-pneumatic tyre comprising an annular body of resilient construction having a radially outer peripheral portion, a radially inner peripheral portion, a radially compressible circumferential web extending between and connected to the radially inner and outer portions, and an intermediate portion between the radially outer and radially inner peripheral portions, said intermediate portion being provided on each side

of the circumferential web with an arrangement of radially compressible ribs, said arrangements having evenly matched numbers of ribs disposed in a complementary manner, each rib extending between and being connected to the radially inner and outer peripheral portions and to the circumferential web wherein the circumferential web comprises consecutive web sections extending in alternate directions, and each rib comprises a radially inner and a radially outer rib portion formed integrally and disposed angularly with respect to each other to define a zone about which the ribs can flex thereby to provide a cushioned, durable tyre.



(Comp—14 pages;

Drwgs.—8 sheets)

Ind. Cl. : 116-F — [GROUP — XLIX]

172238

Int. Cl.<sup>4</sup> : B 65 B 13/14**DOOR DRIVE DEVICE WITH LOCKING MECHANISM FOR LIFTS.**

Applicant : INVENTIO AG, A SWISS COMPANY, CH-6052 HERGISWIL NW, SWITZERLAND.

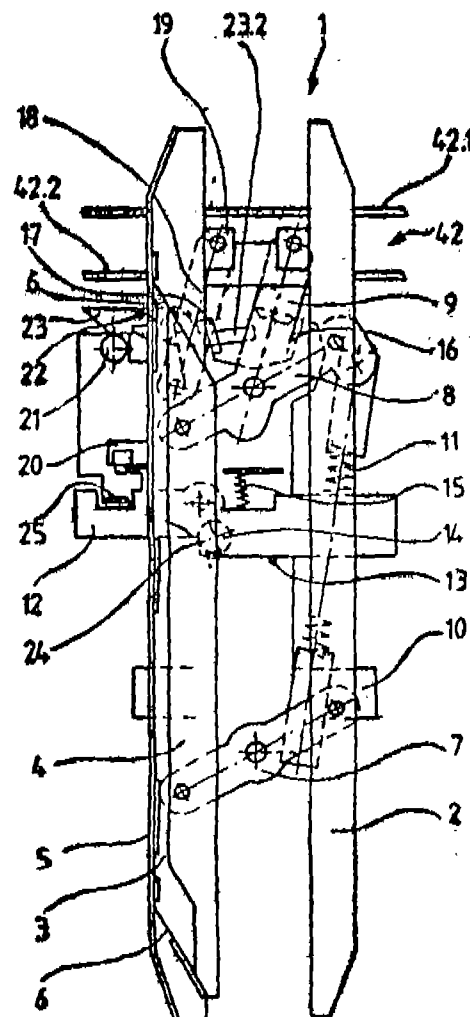
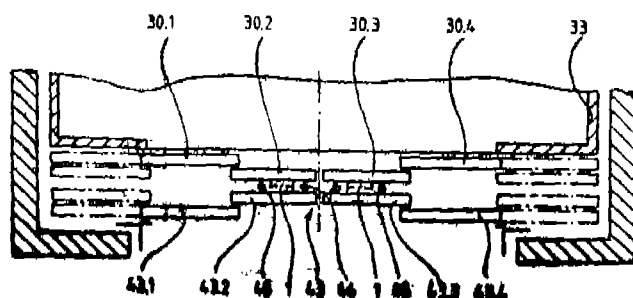
Inventor : JOSEF HUSMANN.

Application No. 102/Mas/89 filed February 8, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Madras.

**8 Claims**

Door drive device with locking mechanism for lifts in which device a cage door (30) is movable by a drive (36) and in the region of the sores connectable through a coupling mechanism with a shaft door (43), wherein the coupling mechanism consists of an entraining parallelogram (1) borne at a cage door wing (30.2, 30.3) and two coupling rollers (44, 45) respectively arranged at each shaft door (43) and the drive (36) displays a drive motor (37) fitted above the case (33), a connecting gear (38) and a drive means (42), which is connected with the cage door (30) through an actuating lever (9) and fixes the cage door (30) in the closed and in the open setting and the locking mechanism displays a pivotably borne cage door bolt (12), which is monitored by a safety contact (20), is arrestable at an abutment (16), is locked by its own weight in a retaining position and which uregeable into a releasing position by a control roller (14) running up onto a control cam (24), wherein an actuating lever (9), which is pivotable between two fixedly placed elastic abutments (16, 17), is articulately connected at one end with the drive means (42) and at the other end with the cage door (30), transmits the movement of the cage door (30) and the shaft door (43) coupled thereto and which carries out the opening a close of the entertaining parallelogram when the cage door (30) is stationary, is fitted at the cage door (30).



(Com.—17 pages;

Drwgs.—3 sheets)

Ind. Cl. : 90-K — [GROUP — XXXVI]

172239

Int. Cl.<sup>4</sup> : C 03 C 4/06**A METHOD OF MAKING PHOTOCROMIC GLASS.**

Applicant : CORNING GLASS WORKS, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A., OF SULLIVAN PARK, FR-212, CORNING, NEW YORK 14831, U.S.A.

Inventor : MICHEL PRASSAS.

Application No. 243/Mas/89 filed March 28, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Madras.

**5 Claims (No drawing)**

A method of making photochromic glass having a refractive index greater than 1.545, an Abbe number greater than 42, and a density lower than 2.80 g/cm<sup>3</sup> comprising the steps of pro-

paring a batch for a base glass yielding in terms of weight percent on the oxide basis,

SiO <sub>2</sub>	33-50	MgO	0-5
B <sub>2</sub> O <sub>3</sub>	15-25	CaO	0-5
SiO <sub>2</sub> +B <sub>2</sub> O <sub>3</sub>	58-66	SrO	0-10
Al <sub>2</sub> O <sub>3</sub>	2-9	BaO	0-10
ZrO <sub>2</sub>	1-5	ZnO	0-5
Al <sub>2</sub> O <sub>3</sub> +ZrO <sub>2</sub>	4-10	MgO+CaO+SrO+BaO+ZnO	1-15 (XO)
Li <sub>2</sub> O	1.5-6	X <sub>2</sub> O+XO	10-24
Na <sub>2</sub> O	0-4	La <sub>2</sub> O <sub>3</sub>	0-5
K <sub>2</sub> O	2-9	Nb <sub>2</sub> O <sub>5</sub>	8-16
Li <sub>2</sub> O+Na <sub>2</sub> O+K <sub>2</sub> O	7-16 (X <sub>2</sub> O)	TiO <sub>2</sub>	2-8
Li <sub>2</sub> O/X <sub>2</sub> O 0.20-0.50	ZrO <sub>2</sub> +TiO <sub>2</sub> +Nb <sub>2</sub> O <sub>5</sub> +La <sub>2</sub> O <sub>3</sub>		14-23

adding photochromic agents yielding, as analyzed in weight percent,

Ag	0.130-0.280
Br	0.130-0.220
Ag+Br	>0.270
Cl	0.170-0.360
CuO	0.0070-0.0350,

melting the same, at 1300-1375°C, to yield a glass with photochromic agents, annealing said glass, (at 400-500°C) and subjecting the same to a specific heat treatment of 580-640°C for 5 minutes-2 hours to develop the photochromic properties.

(Com.—33 pages)

Ind. Cl. : 32-F<sub>2</sub>(\*) — [GROUP — IX(1)]

172240

Int. Cl. : C 07 D 251/56

#### A PROCESS OF PREPARING MELAMINE.

Applicant : KOEA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, 373-1, KUSUNG-DONG, YUSUNG-GU, TAEJON, REPUBLIC OF KOREA, A KOREAN COMPANY.

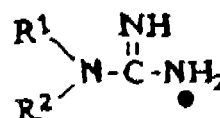
Inventors : (1) YONG-HAE KIM  
(2) KWEON KIM  
(3) BYOUNG-UK IM

Application No. 421/Mas/91 filed June 3, 1991.

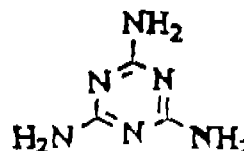
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

#### 2 Claims

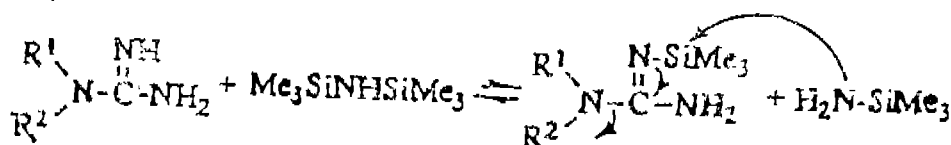
A process of preparing melamine, which comprises the reaction of guanidine derivatives of the formula (I) of the accompanying drawings,



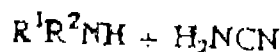
(I)



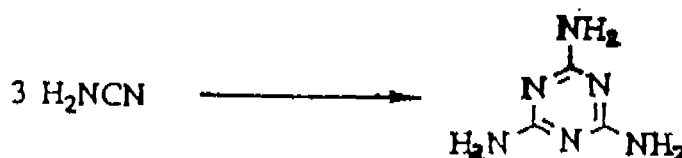
(II)



↓



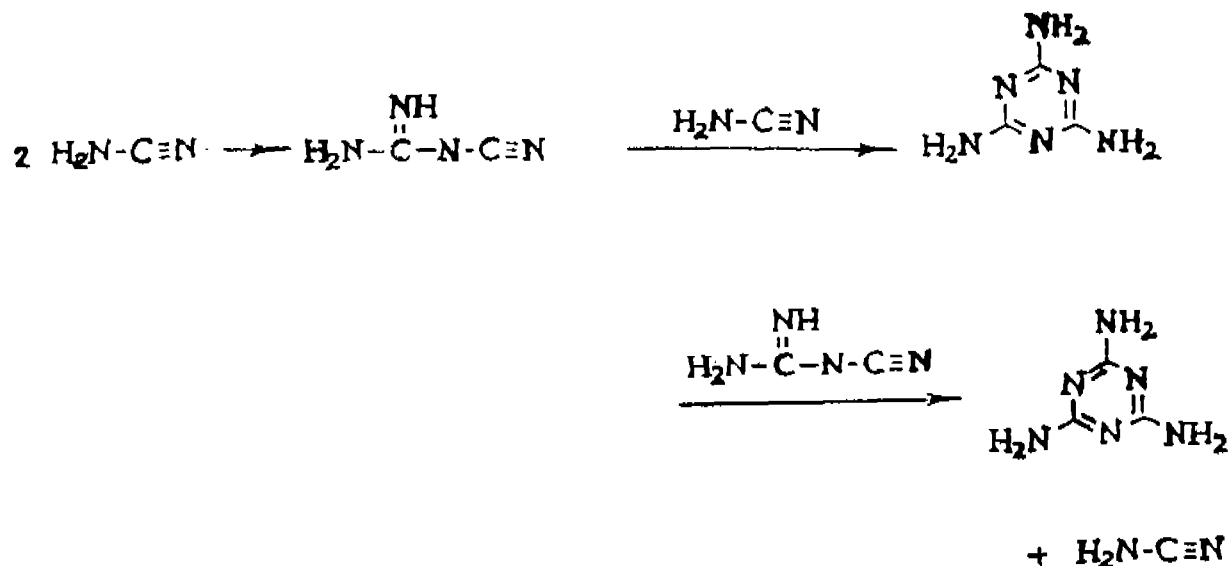
(I)



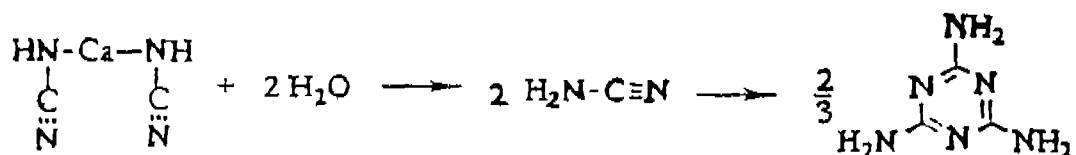
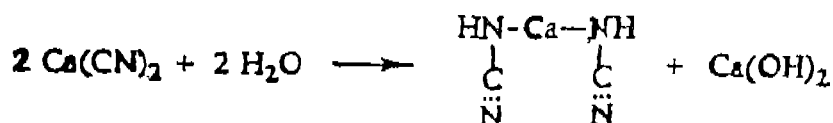
(D)

wherein  $R^1$  and  $R^2$  are hydrogen, methyl or ethyl with proviso that when one of  $R^1$  and  $R^2$  is ethyl, the other is hydrogen, with 1, 1, 1, 3, 3, 3-hexamethyldisilazane which acts not only as a catalyst, but also as a solvent, the reaction taking place at a temperature of  $110^\circ\text{C} \sim 130^\circ\text{C}$  and at normal pressure,

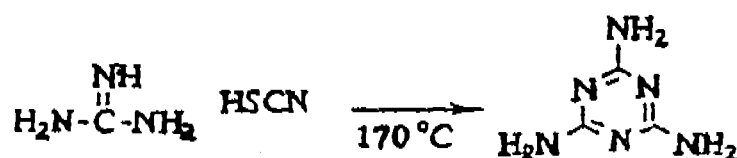
wherein with the result of the reaction the guanidine derivatives being decomposed into  $R^1R^2\text{NH}$  and cyanamide, and then the cyanamide which is an intermediate being instantly trimerized with melamine.



(A)



(B)



(C)



PATENT SEALED  
ON 16-4-93

166061\* 168839 169695 169777 169885 169981\* 170073\*  
170078 170131 170135 170136 170145D 170568 170789D  
171025 171152

Cal--9, Bom--Nil, Del--4, Mas--3.

\*Patent shall be deemed to be endorsed with the words  
"LICENCE OF RIGHT" under Section 87 of the Patents Act,  
1970 from the date of expiration of three years from the date  
of Sealing.

## D-- DRUG PATENT

## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Degussa Aktiengesellschaft, of  
6000 Frankfurt am Main Weissfrauenstrasse 9, Federal Re-  
public of Germany, a company organised under the laws of  
the Federal Republic of Germany have made an application  
under Section 57 of the Patents Act, 1970 for amendment of  
the application & specification of their application for Patent  
No. 169015 for "A process for the extraction of hydrogen  
peroxide from the working solution obtained in a conventional  
and haquinone process".

The application for amendment and the proposed amend-  
ments can be inspected free of charge of Patent Office 234/4,  
Acharya Jagadish Bose Road, Calcutta-700 020 or copies of  
the same can be had on Payment of the usual copying charges.  
Any person interested in opposing the application for amend-  
ment may file a notice of opposition on the prescribed Form  
30 within three months from the date of this notification at  
the Patent Office Calcutta. If the written statement of  
opposition is not filed with the notice of opposition it shall  
left within one month the date of filing the said notice.

## RENEWAL FEES PAID

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RENEWAL FEES

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163444 164932 165244 166972 169240

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not  
open to inspection for a period of two years from the date of  
registration except as provided for in Section 50 of the Designs  
Act, 1911.

The Date shown in the each entries is the date of registra-  
tion of the design included in the entry.

Class 3. Nos. 165355 to 165359. Clone Mannequins Inc.,  
299, Prakash Mohalla, East of Kailash, New Delhi,  
India. Indian Partnership Firm. "Mannequin".  
February 17, 1993.

Class 3. No. 165373. MRF Limited, 124, Greaves Road,  
Madras-600006, Tamil Nadu, India, Indian Com-  
pany. "Tyre". February 23, 1993.

Class 4. No. 165374. Guru Ayurvedic Works, 28, Anratala  
Street, Kajaria Market, 3rd floor, Room No. 316,  
Calcutta-700001, West Bengal, India, Indian Part-  
nership Firm. "Bottle". February 23, 1993.

R. A. ACHARYA  
Controller General of Patents, Designs  
and Trade Marks

पब्लिक, भारत सरकार मद्रास, फरीदाबाद द्वारा मॉडल  
एवं प्रकाशन निर्देशक, दिल्ली द्वारा प्रकाशित, 1993

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